

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ROY L. COX	09/28/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ROBERT BOSCH LLC	
<b>Street Address:</b>	2800 SOUTH 25TH AVENUE	
<b>City:</b>	BROADVIEW	
<b>State/Country:</b>	ILLINOIS	
<b>Postal Code:</b>	60155	
<b>Name:</b>	ROBERT BOSCH GMBH	
<b>Street Address:</b>	POSTFACH 30 02 20	
<b>City:</b>	STUTTGART	
<b>State/Country:</b>	GERMANY	
<b>Postal Code:</b>	70442	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	14308081	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(317)638-2139	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	317-638-2922	
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<b>ATTORNEY DOCKET NUMBER:</b>	1576-1673	
<b>NAME OF SUBMITTER:</b>	CHARLES B. PHILLIPS	
<b>SIGNATURE:</b>	/Charles B. Phillips/	
<b>DATE SIGNED:</b>	09/30/2015	
<b>Total Attachments: 3</b>		

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ASSIGNMENT

Pursuant to my obligation to Robert Bosch LLC (hereinafter referred to as "Assignee"), having its principal place of business at:

2800 South 25<sup>th</sup> Avenue  
Broadview, IL 60155

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged,  
I:

Roy L. Cox  
~~1 Wheaton Center, Apt. 1804~~  
~~Wheaton, IL 60187~~

3054 Osborne Rd.  
Mt. Sterling, KY 40353

RL  
28 Sep 2015

confirm my obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, except as set forth below, my entire right, title and interest -

(1) in and to an invention entitled "Copper Free Friction Material Composition" for which I have executed a United States patent application, said United States application being assigned U.S. Serial No. 14/308,081 filed June 18, 2014;

(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), reissue applications, and international patent applications designating the United States) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted; and

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including patent applications filed under the Patent Cooperation Treaty, the European Patent Convention or any other international treaty, and including the right to claim priority of said United States application, and in and to

any and all patents granted on said applications to the full end of the terms for which said patents may be granted.

I hereby agree that I will, upon demand of Assignee, its successors or assigns, and without further consideration to me, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by me.

The foregoing notwithstanding, and in recognition of the fact that Assignee is part of the Bosch group of companies, I hereby assign to Robert Bosch GmbH, a German corporation having a mailing address at Postfach 30 02 20, D-70442 Stuttgart, GERMANY, the limited right to be named as assignee or applicant at the time of publication and at the time of issue on any applications or patents granted as referred to in foregoing paragraphs (2) and (3). If the right applicable to any such patent application allows an assignee to be the applicant of the patent application, Robert Bosch GmbH shall have the right to be identified as applicant of the patent application and the right to claim priority of said United States application. This limited right granted to Robert Bosch GmbH with respect to any patent application or granted patent shall expire upon the first-occurring of (i) assignment to a third party of any of the above-mentioned rights of Assignee, or (ii) with respect to any particular patent, issue of such patent, and shall be subsequently part of the assignable rights of Assignee. All other rights to said invention, said applications and said patents, U.S. or foreign, including the right under any of said patents to manufacture, use, sell or offer for sale the invention covered by said patents, or to license or permit use of said invention, remain with Assignee and shall be assignable by Assignee without the consent of Robert Bosch GmbH.

Date: 28 Sep 2015

  
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Roy L. Cox